

WHAT IS CLAIMED IS:

1. An improvement on an injection molding machine, comprising
a stationary wall fixedly disposed on a main support for a first half
5 part of a mold to be secured thereto;
a movable wall for a second half part of the mold to be secured thereto;
the movable wall being movable on the main support and opposing
the stationary wall such that the second mold part can be coupled to
the first mold part when the movable wall is close to the stationary
10 one; and
a plurality of main oil cylinders for displacing the movable wall
relative to the stationary wall with;
the main oil cylinders being secured to a first side of the stationary
wall at tube portions thereof with output rods thereof being
15 projected from other side of the stationary wall and connected to the
movable wall to replace guiding rods for the movable wall; each of
the main oil cylinders having a piston, and a subsidiary projecting
rod; each piston having first and second sides; the output rods being
connected to the first sides of the pistons; the subsidiary projecting
20 rods being connected to the second sides of the pistons and capable
of passing through end caps of the tube portions of the oil cylinders;
the output rods having substantially same diameter as the subsidiary
projecting rods.